

Application No. 09/926,006
Response dated February 17, 2004
Reply to Office Action of November 14, 2003

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claim 1 (currently amended): A porous polyolefin film which comprises a polyolefin containing an inorganic filler and a wax of ~~polyolefin series~~ polypropylene, the film being provided with micropores originated from the inorganic filler, a water vapor transmission rate of at least $1000 \text{ g/m}^2 \cdot 24 \text{ hours}$, a light transmission of at least 65%, and a tear strength of at least 0.6 N, and the film having a uniform moisture permeability throughout.

Claim 2 (original): A porous polyolefin film according to claim 1, wherein a resin composition constituting the film is comprised of 100 parts by weight of the polyolefin, 50-150 parts by weight of the inorganic filler having a 50% median diameter of at least $2 \mu\text{m}$ but less than $7 \mu\text{m}$ measured according to the light scattering method, and 2-20 parts by weight of the wax of polyolefin series.

Claim 3 (original): A porous polyolefin film according to claim 1 or 2, wherein the polyolefin contains a linear low density polyethylene as a predominant component.

Claim 4 (currently amended): A porous polyolefin film according to claim 1 or 2, wherein the wax of polyolefin series is ~~a low molecular weight polyethylene or~~ a low molecular weight of polypropylene.

Claim 5 (original): A porous polyolefin film according to claim 1, wherein the film is a biaxially stretched film.

Claim 6 (currently amended): A process for producing a porous polyolefin film which comprises stretching an unstretched polyolefin film having a resin composition of 100 parts by weight of polyolefin, 50-150 parts by weight of an inorganic filler having a 50% median diameter of at least 2 μm but less than 7 μm measured according to the light-scattering method, and 2-20 parts by weight of a wax of ~~polyolefin series~~ polypropylene in at least uniaxial direction at an area magnification of 1.1-1.5 times.

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Claim 7 (original): A process for producing a porous polyolefin film according to claim 6, wherein the porous polyolefin film has a water vapor transmission rate of at least $1000 \text{ g/m}^2 \cdot 24$ hours, a light transmission of at least 65%, and a tear strength of at least 0.6 N and wherein the film has a uniform moisture permeability throughout.

Claim 8 (original): A composite porous polyolefin film which is a laminate comprising the porous polyolefin film as set forth in claim 1 and a non-woven fabric of polyolefin series.

Claim 9 (original): A composite porous polyolefin film according to claim 8, wherein the film has a light transmission of at least 65% and a water vapor transmission rate of at least $1000 \text{ g/m}^2 \cdot 24 \text{ hrs}$.

Claim 10 (previously presented): A back-sheet for disposable diapers which comprises the porous polyolefin film as set forth in claim 1.

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Claim 11 (previously presented): A back-sheet for disposable diapers which comprises the porous polyolefin film as set forth in claim 8 or 9.